

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19805	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/17 10:19
L2	2039	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ).ab,ti.	USPAT	OR	ON	2010/05/17 10:20
L3	439	(soil ) near4 (sensor or probe or detector or monitor or measur \$3 ).ab,ti.	USPAT	OR	ON	2010/05/17 10:21
L10	2	((moisture soil or ground) near3 (sens \$3 or detect\$3 or monitor or measur\$3 probe) and (packing or packer or gasket) near4 (taper\$3 or narrow\$3 or widen\$3 or conical\$4 or frustoconical\$4 or cup or bowl)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/17 11:23
S1	57	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and stabili\$4 near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 13:47
S2	15890	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and stabili\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 13:53

S3	14	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and stabili\$4 near5 taper\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 13:53
S4	86	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and anchor\$3 near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 13:54
S5	334	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and (support\$3) near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:01
S6	317	S5 not S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:01
S7	27	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and (fin or protrusion taper\$3) near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:05

S8	65	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (fin or protrusion taper\$3 conical or anchor\$ or stabili\$7) near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:12
S9	88	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (fin or protrusion taper\$3 conical or anchor\$ or stabili\$7 ring) near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:12
S10	24	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (frustoconical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:21
S11	184	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and (frustoconical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:22
S12	34	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and (frustoconical) near3 (support or ring or anchor or secur\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:23
S13	34	S12 not S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:23

S14	4	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and stabili\$4 near5 subterranean	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:25
S15	13	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and packer near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:27
S16	917	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ) and (taper\$3 or frustoconical\$3 or conical or annular) near3 (ring or packer or stabiliz\$7 or anchor \$3 or hold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:29
S17	78	(soil or ground) near4 (sensor or probe or detector or monitor or measur \$3 ).ab,ti. and (taper \$3 or frustoconical\$3 or conical or annular) near3 (ring or packer or stabiliz\$7 or anchor \$3 or hold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:29
S18	12575	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (stabili\$7 or anchor\$3 or secur\$3 or hold\$3 or maintain \$3) near6 (underground or ground or soil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:36

S19	2747	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (stabili \$7 or anchor\$3 or secur\$3 or hold\$3 or maintain\$3) near6 (underground or ground or soil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:37
S20	161	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (stabili \$7 or anchor\$3 or secur\$3 or hold\$3 or maintain\$3) near6 (underground or ground or soil) near10 (frustoconical \$3 or conical or cone or protrusion or ring or packer or member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 14:39
S21	3	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (stabili \$7 or anchor\$3 or secur\$3 or hold\$3 or maintain\$3) near6 (underground or ground or soil) near10 gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:22
S22	18	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (underground or ground or soil) near10 gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:23
S23	108	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:24

S24	90	S23 not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:25
S25	5	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (frustoconical taper \$3 or narrow\$3 or slop\$3) near3 gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:29
S26	10	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (cup) near3 gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:33
S27	66	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (outer) near3 gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:33
S28	88	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (outer or external\$3 or outside) near3 gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:34
S29	1523	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and gasket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:37
S30	9	(soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (frustoconical taper \$3 or narrow\$3 or slop\$3) near3 packing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:38

S31	53	(soil or ground) near4 (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ) and (outer or external\$3 or outside) near3 packing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:39
S32	164	(soil or ground) near4 (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ) and (annular or angular or frustoconical or taper\$3) near5 (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:41
S33	145	S32 not S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:41
S34	59	(soil or ground).ab,ti. and (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ).ab,ti. and (annular or angular or frustoconical or taper\$3) near5 (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:52
S35	61	(soil or ground).ab,ti. and (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ).ab,ti. and (annular or angular or frustoconical or taper\$3 or narrow\$3) near5 (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:52
S36	6	(soil or ground).ab,ti. and (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ).ab,ti. and (coaxial\$3) near5 (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:58

S37	143	(soil or ground).ab,ti. and (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ).ab,ti. and (external\$3 or exterior or outer or outside) near5 (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 15:59
S38	62	(soil or ground).ab,ti. and (sens\$3 or detect \$3 or monitor or measur\$3 ).ab,ti. and (external\$3 or exterior or outer or outside) near5 (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:03
S39	464	(soil or ground).ab,ti. near8 (sens\$3 or detect\$3 or monitor or measur\$3 probe). ab,ti. and (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:21
S40	4591	(moisture soil or ground) near3 (sens \$3 or detect\$3 or monitor or measur\$3 probe) and (packing or packer or gasket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:22
S41	326	(moisture soil or ground) near3 (sens \$3 or detect\$3 or monitor or measur\$3 probe) and (packing or packer or gasket) near4 (exterior or external\$3 or outer or outside or taper\$3 or conical or frustoconical or narrow\$3 or cylindrical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:24
S42	297	S41 not S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:25



S43	292	S42 not S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:25
S44	292	S43 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:25
S45	206	S44 and (soil or ground)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:27
S46	460	(moisture soil or ground) near3 (sens\$3 or detect\$3 or monitor or measur\$3 probe) and (packing or packer or gasket) near8(exterior or external\$3 or outer or outside or taper\$3 or conical or frustoconical or narrow\$3 or cylindrical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:33
S47	168	S46 not S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:33
S48	123	S47 and (soil or ground)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:34
S49	40	(moisture soil or ground) near3 (sens\$3 or detect\$3 or monitor or measur\$3 probe) and (packing or packer or gasket) near4 cup	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:45

S50	9	(moisture soil or ground) near3 (sens\$3 or detect\$3 or monitor or measur\$3 probe) and (packing or packer or gasket) near4 coaxial\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/11 16:47
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**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	15	((soil or ground) near4 (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ).ab.ti. and (fin or protrusion taper\$3 conical or anchor\$ or stabili\$7) near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/17 10:54
L5	15	((soil or ground) near4 (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ) and (fin or protrusion taper\$3 conical or anchor\$ or stabili\$7) near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/17 11:03
L6	0	((soil or ground) near4 (sens\$3 or prob\$3 or detect\$3 or monitor or measur\$3 ) and (gasket or ring) near5 (fin or protrusion taper\$3 conical or anchor\$ or stabili\$7) near5 (underground or (beneath or below "within" inside) near5 (ground or soil) or buried)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/17 11:04

L7	8	((soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (gasket or ring) near5 (fin or protrusion taper\$3 conical or anchor\$ or stabili\$7) ).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/17 11:05
L8	12	((soil or ground) near4 (sens\$3 or prob \$3 or detect\$3 or monitor or measur \$3 ) and (gasket or ring) near5 (narrow\$3 or decreas\$3 or width or frustoconical\$3) ).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/17 11:14
L9	12	8 not 7	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/17 11:15

**5/17/2010 11:24:19 AM**

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